

REFERENCES AND REVIEWS

A STUDY OF "MENTALLY HEALTHY" YOUNG MALES (HOMOCITITES)—R. R. Grinker, Sr., R. R. Grinker, Jr., and J. Timberlake. Arch. Gen. Psychiat.—Vol. 6:405 (June) 1962.

A sample population of apparently mentally healthy young adult males was studied by interview and questionnaire techniques, to ascertain their current behaviors and to determine how and under what conditions they developed. It was possible to separate the subjects into groups representing degrees of adjustment in order to determine significant behavioral and genetic differences. The term "homocelite" was coined to mean nondeviant or "following the common rule," to avoid the values inherent in terms like "normal" or "healthy." The literature on mental health is briefly reviewed. A theoretical discussion attempts to emphasize the hypothetical formulations derived from the study.

* * *

REPOSITORY POLLEN THERAPY—M. A. Green. Ann. Allergy—Vol. 20:193 (March) 1962.

Major deterrents to the general use of repository desensitization therapy have been the occurrence of severe constitutional and local reactions. Significant reduction of these undesirable side effects was effected by the use of advanced, meticulous techniques of preparation and administration of emulsified antigens, preceded by prophylactic sustained-action oral antihistamines and methylprednisolone. In 1935 repository injections given to 516 patients there was virtual elimination of significant local reactions. No systemic

reactions followed 653 repository pollen injections in patients given 3 oral doses of the medication, (1) the evening before, (2) one hour before, and (3) the evening after injection. In a total of 282 injections in which prophylactic medication was omitted the night before, 4 immediate and no delayed constitutional reactions developed.

* * *

EXPIRATORY CARBON DIOXIDE CONCENTRATION CURVE: TEST OF PULMONARY FUNCTION—J. E. Kelsey, E. C. Oldham, and S. M. Horvath. Dis. Chest—Vol. 41:498 (May) 1962.

A test of pulmonary function based on the configuration of the expiratory carbon dioxide concentration curve is described. This curve is obtained by having the subject exhale directly through a rapid response infrared gas analyzer using a breathe-through cell and a strip chart recorder. The test is effective in separating subjects with normal pulmonary function from patients with pulmonary emphysema of varying degree. The respiratory carbon dioxide concentration curve is a valuable test of pulmonary function because of the ease with which it can be obtained.

* * *

ROLE OF PULMONARY RESECTIONS FOR TUBERCULOSIS IN PRESENCE OF DRUG-RESISTANT TUBERCLE BACILLI—T. Haga, T. Asano, S. Watanabe, R. Koga, M. Ono, K. Yoshimura, and R. Yoneda. Dis. Chest—Vol. 41:504 (May) 1962.

From 1948 to 1959, 2,523 pulmonary resections for tuberculosis performed at a national sanatorium have been studied in regard to complication by sputum status prior to operation. In the contaminated group, there was no significant difference in the proportion of complications regardless of sputum status. In the noncontaminated group streptomycin cases showed a higher incidence of complica-

(Continued on Page 56)

VIRTUALLY NO CARBONIC ANHYDRASE INHIBITION

LESS POTASSIUM LOSS

In addition to inhibition of sodium and chloride resorption, chlorothiazide and hydrochlorothiazide inhibit carbonic anhydrase. Carbonic anhydrase inhibition is implicated in increased potassium loss.

Naturetin, on the other hand, is a single-action diuretic, acting solely on tubular reabsorption; it has virtually no carbonic anhydrase activity. This single action may explain the fact that Naturetin produces less potassium loss than other benzothiadiazines and is therefore of particular value in patients prone to hypokalemia or those on digitalis.

AVAILABLE: Naturetin 5 mg. and 2.5 mg. tablets. ALSO AVAILABLE: Naturetin \bar{c} K (Squibb Bendroflumethiazide 5 mg. and 2.5 mg. capsule-shaped tablets, each with 500 mg. Potassium Chloride), for use when disease or concomitant therapy increases the risk of hypokalemia. For full information, see your Squibb Product Reference or Product Brief.

Naturetin—the diuretic with specific difference

SQUIBB BENDROFLUMETHIAZIDE

SQUIBB



Squibb Quality—the Priceless Ingredient

SQUIBB DIVISION **Olin**